

07 13 2004

RACT00200 2nd Amd Seq Listing.workFile

Organization Applicant

Street :
City :
State :
Country :
PostalCode :
PhoneNumber :
FaxNumber :
EmailAddress :

<110> OrganizationName : Reactive Surfaces, Ltd.

Application Project

<120> Title : Recombinant Organophosphorus Acid Anhydrolase and Methods of Use
<130> AppFileReference : RACT-00200
<140> CurrentAppNumber : Unknown
<141> CurrentFilingDate : 2003-01-02

Earlier Applications

<150> PriorAppNumber : 07/928,540
<151> PriorFilingDate : 1992-08-13

Earlier Applications

<150> PriorAppNumber : 08/252,384
<151> PriorFilingDate : 1994-06-01

Earlier Applications

<150> PriorAppNumber : 07/344,258
<151> PriorFilingDate : 1989-04-27

Sequence

<213> OrganismName : Pseudomonas diminuta	
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aaggtcgcga ccacaggcaa ggcgacccccc tttcaggagt tagtgttaaa ggcggccgcc	480
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ctcatcggtc tagaccacat cccgcacagt gcgattggtc tagaagataa tgcgagtgca	720
tcagccctcc tggcattccg ttcgtggcaa acacgggctc tcttgatcaa ggcgctcattc	780

RACT00200 2nd Amd Seq Listing.workFile

gaccaaggct acatgaaaca aatcctcggt tcgaatgact ggctgttcgg gtttcgagc	840
tatgtcacca acatcatgga cgtgatggat cgcgtgaacc ccgacggat ggccttcatt	900
ccactgagag tgcgtccatt cgtacgagag aaggcgatcc cacagggaaac gctggcaggc	960
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<212> Type : DNA

<211> Length : 1014

SequenceName : RACT00200 Amd Seq

SequenceDescription :

Feature

Sequence: RACT00200 Amd Seq:

<221> FeatureKey : CDS

<222> LocationFrom : 1

<222> LocationTo : 1011

Other Information :

CDSJoin : No



RACT00200 Sequence Listing
SEQUENCE LISTING

<110> Reactive Surfaces
McDaniel, C. Steven
<120> Recombinant Organophosphorus Acid Anhydrase and Methods of Use
<130> RACT-00200
<140> Unknown
<141> 2002-12-23
<150> 07/928,540
<151> 1992-08-13
<150> 08/252,384
<151> 1994-06-01
<150> 07/344,258
<151> 1989-04-27
<160> 1
<170> PatentIn version 3.2
<210> 1
<211> 337
<212> PRT
<213> Pseudomonas aeruginosa
<400> 1

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Ser Ser Ala Gly Phe Leu Arg Ala Trp Pro Glu Phe Phe Gly Ser Arg
35 40 45

Lys Ala Leu Ala Glu Lys Ala Val Arg Gly Leu Arg Arg Ala Arg Ala
50 55 60

Ala Gly Val Arg Thr Ile Val Asp Val Ser Thr Phe Asp Ile Gly Arg
65 70 75 80

Asp Val Ser Leu Leu Ala Glu Val Ser Arg Ala Ala Asp Val His Ile
85 90 95

Val Ala Ala Thr Gly Leu Trp Phe Asp Pro Pro Leu Ser Met Arg Leu
100 105 110

Arg Ser Val Glu Glu Leu Thr Gln Phe Phe Leu Arg Glu Ile Gln Tyr
115 120 125

RACT00200 Sequence Listing

Gly Ile Glu Asp Thr Gly Ile Arg Ala Gly Ile Ile Lys Val Ala Thr
130 135 140

Thr Gly Lys Ala Thr Pro Phe Gln Glu Leu Val Leu Lys Ala Ala Ala
145 150 155 160

Arg Ala Ser Leu Ala Thr Gly Val Pro Val Thr Thr His Thr Ala Ala
165 170 175

Ser Gln Arg Asp Gly Glu Gln Gln Ala Ala Ile Phe Glu Ser Glu Gly
180 185 190

Leu Ser Pro Ser Arg Val Cys Ile Gly His Ser Asp Asp Thr Asp Asp
195 200 205

Leu Ser Tyr Leu Thr Ala Leu Ala Ala Arg Gly Tyr Leu Ile Gly Leu
210 215 220

Asp His Ile Pro His Ser Ala Ile Gly Leu Glu Asp Asn Ala Ser Ala
225 230 235 240

Ser Ala Leu Leu Gly Ile Arg Ser Trp Gln Thr Arg Ala Leu Leu Ile
245 250 255

Lys Ala Leu Ile Asp Gln Gly Tyr Met Lys Gln Ile Leu Val Ser Asn
260 265 270

Asp Trp Leu Phe Gly Phe Ser Ser Tyr Val Thr Asn Ile Met Asp Val
275 280 285

Met Asp Arg Val Asn Pro Asp Gly Met Ala Phe Ile Pro Leu Arg Val
290 295 300

Ile Pro Phe Leu Arg Glu Lys Gly Val Pro Gln Glu Thr Leu Ala Gly
305 310 315 320

Ile Thr Val Thr Asn Pro Ala Arg Phe Leu Ser Pro Thr Leu Arg Ala
325 330 335

Ser